

1/14

FIG.1  
PRIOR ART

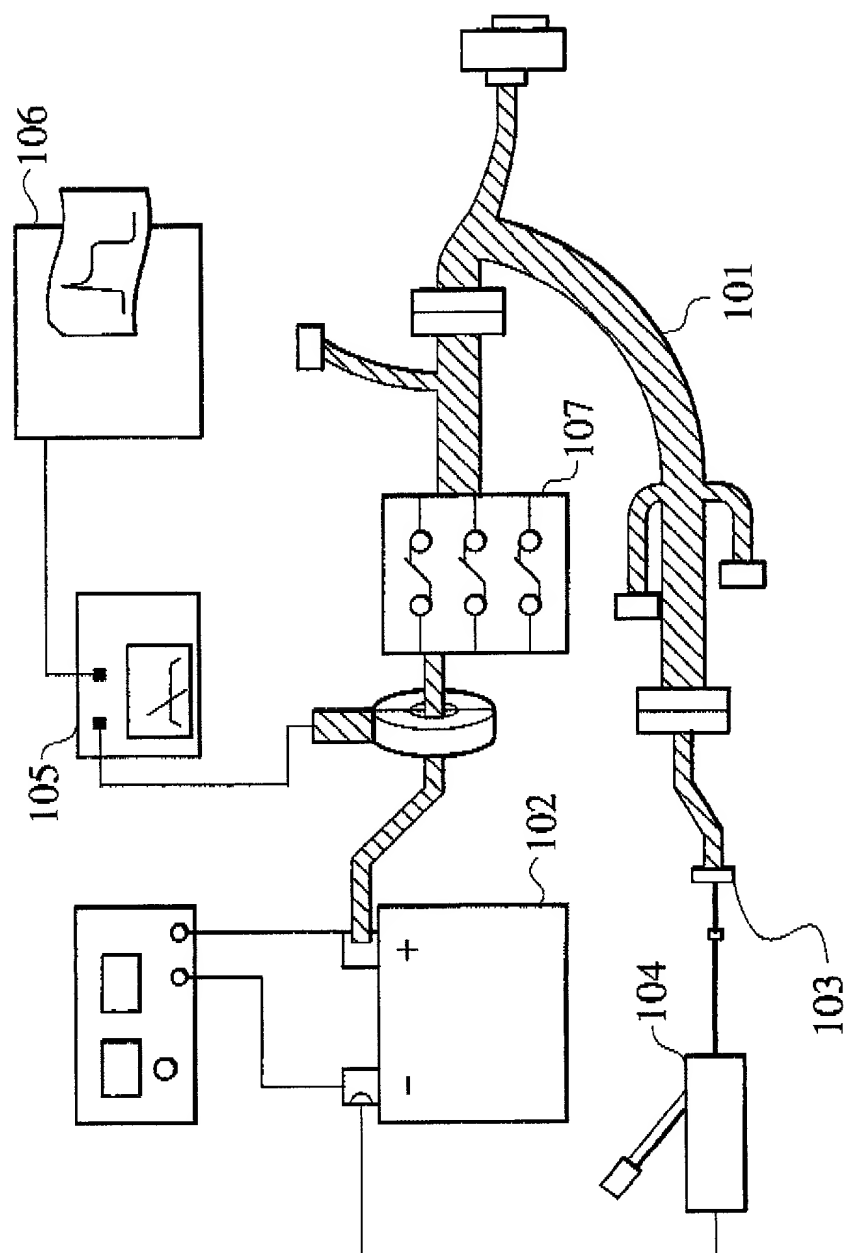
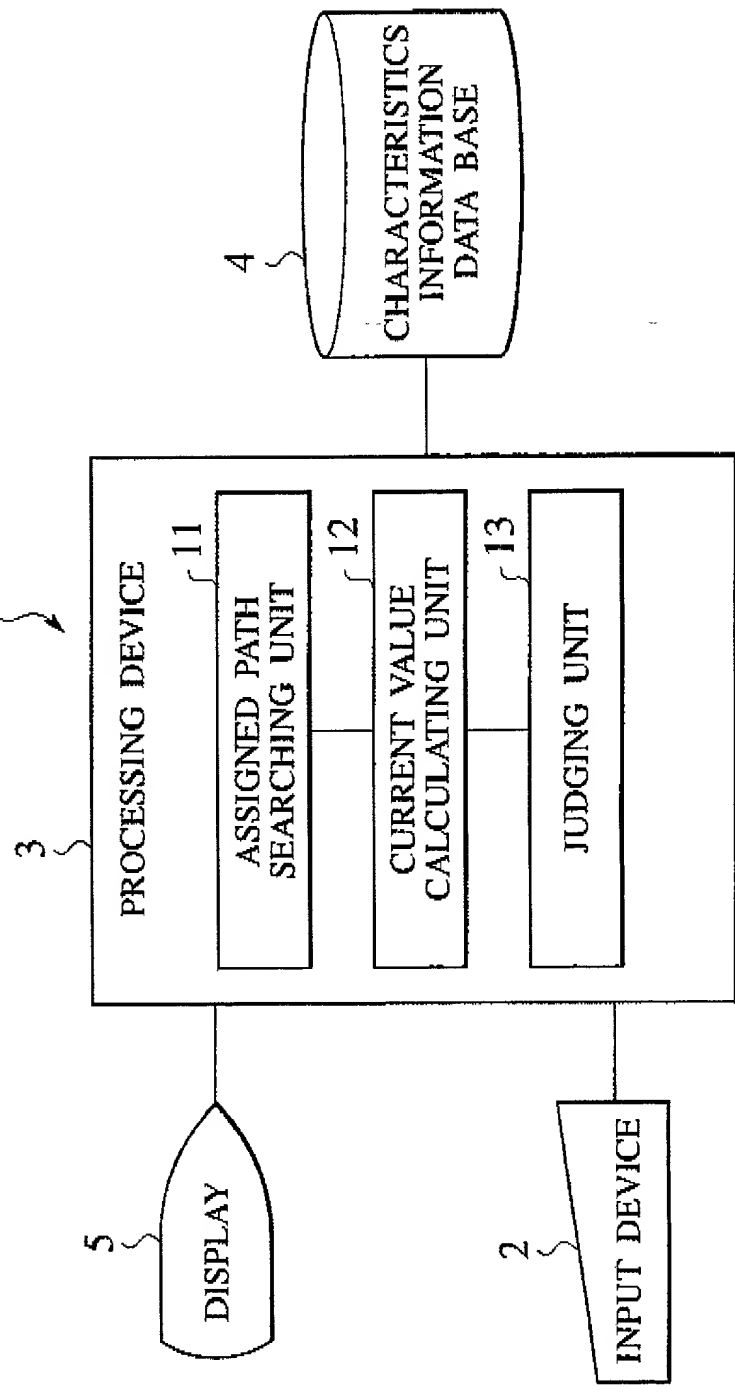
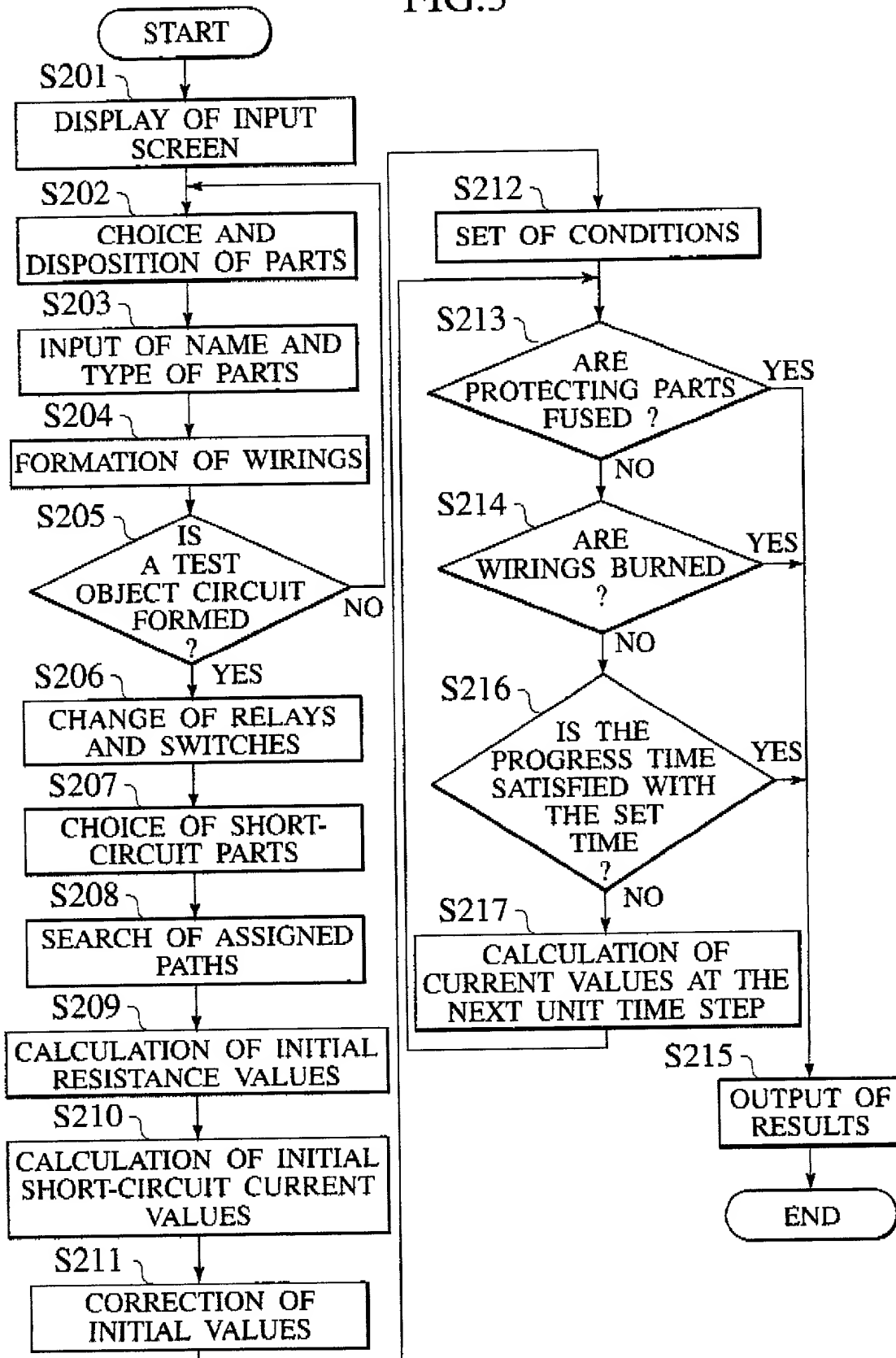


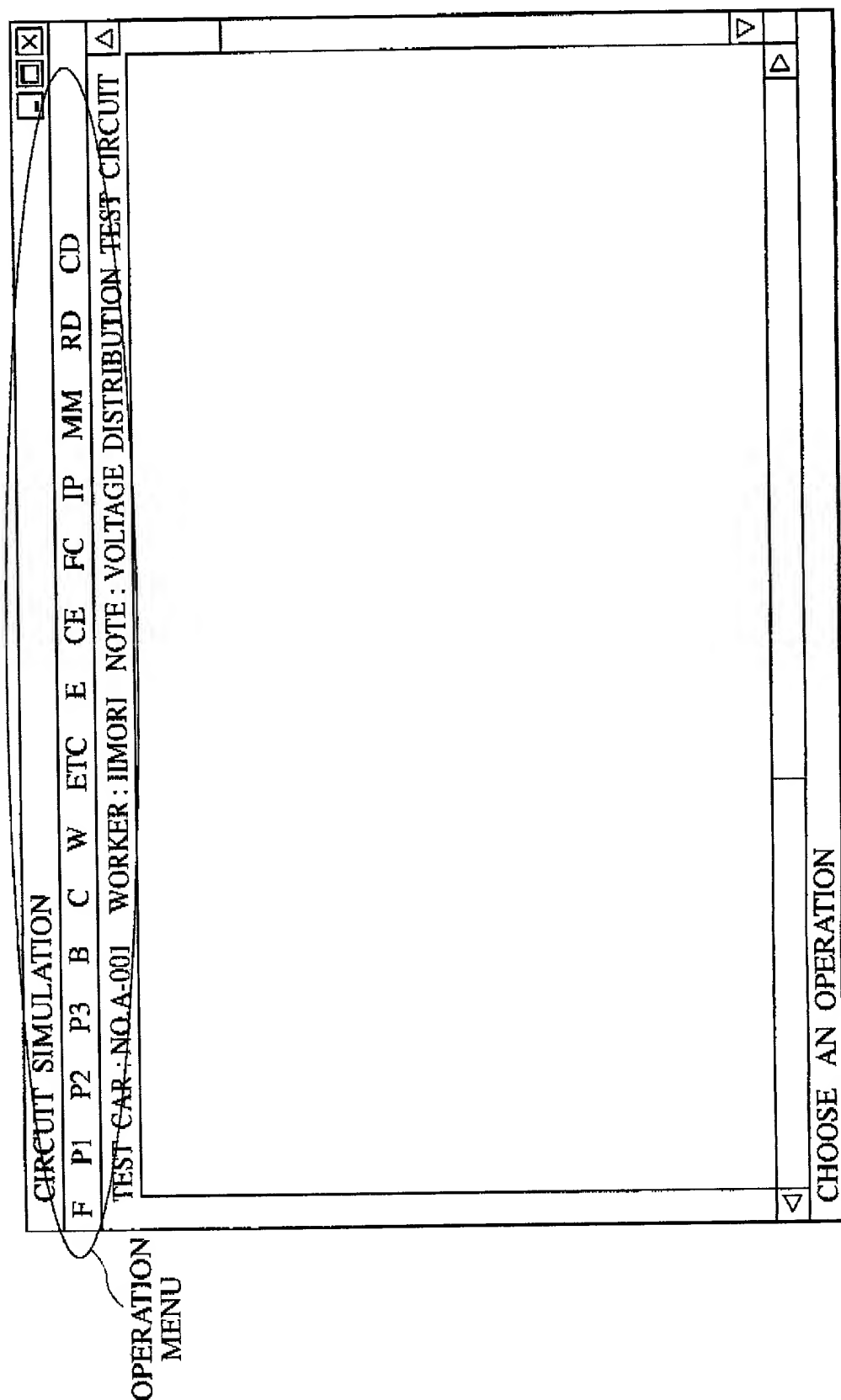
FIG.2  
ELECTRIC WIRING  
SIMULATION DEVICE 1



3/14  
FIG.3

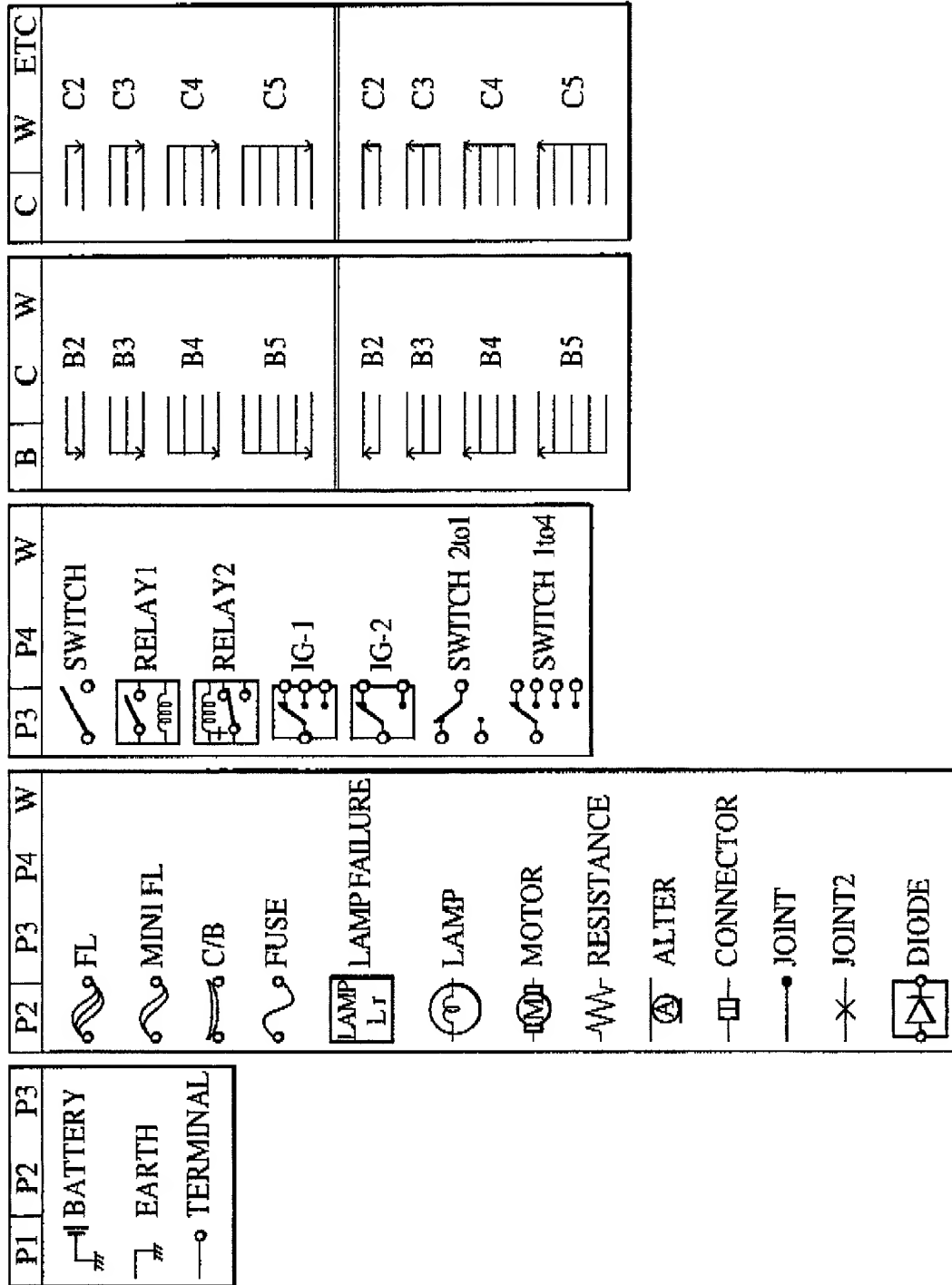
4/14

FIG.4



5/14

FIG.5



6/14

FIG.6

INPUT OF PARTS INFORMATION

PART NAME  
FL-001

TYPE

30 : A	▽
30 : A	△
30 : B	
40 : A	
40 : B	
50 : A	
50 : B	
60 : A	
60 : B	▽

OK

01 mm

LAMP1

FIG.7

INPUT OF WIRE DATA

LENGTH 500 mm

SIZE 0.85 ▽ sq

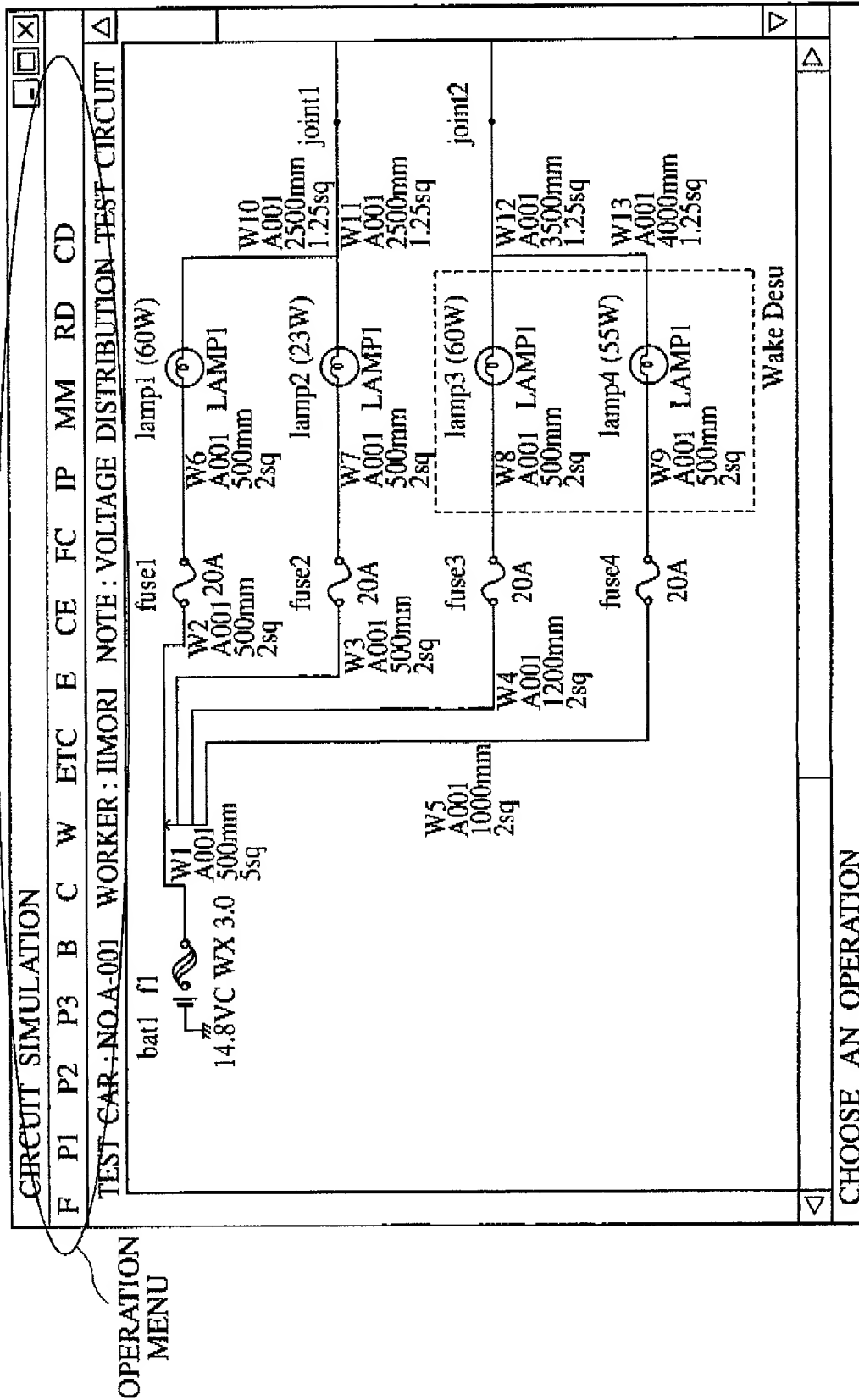
WIRE HARNESS NAME WIRE01 |

CIRCUIT CODE B002 ▽

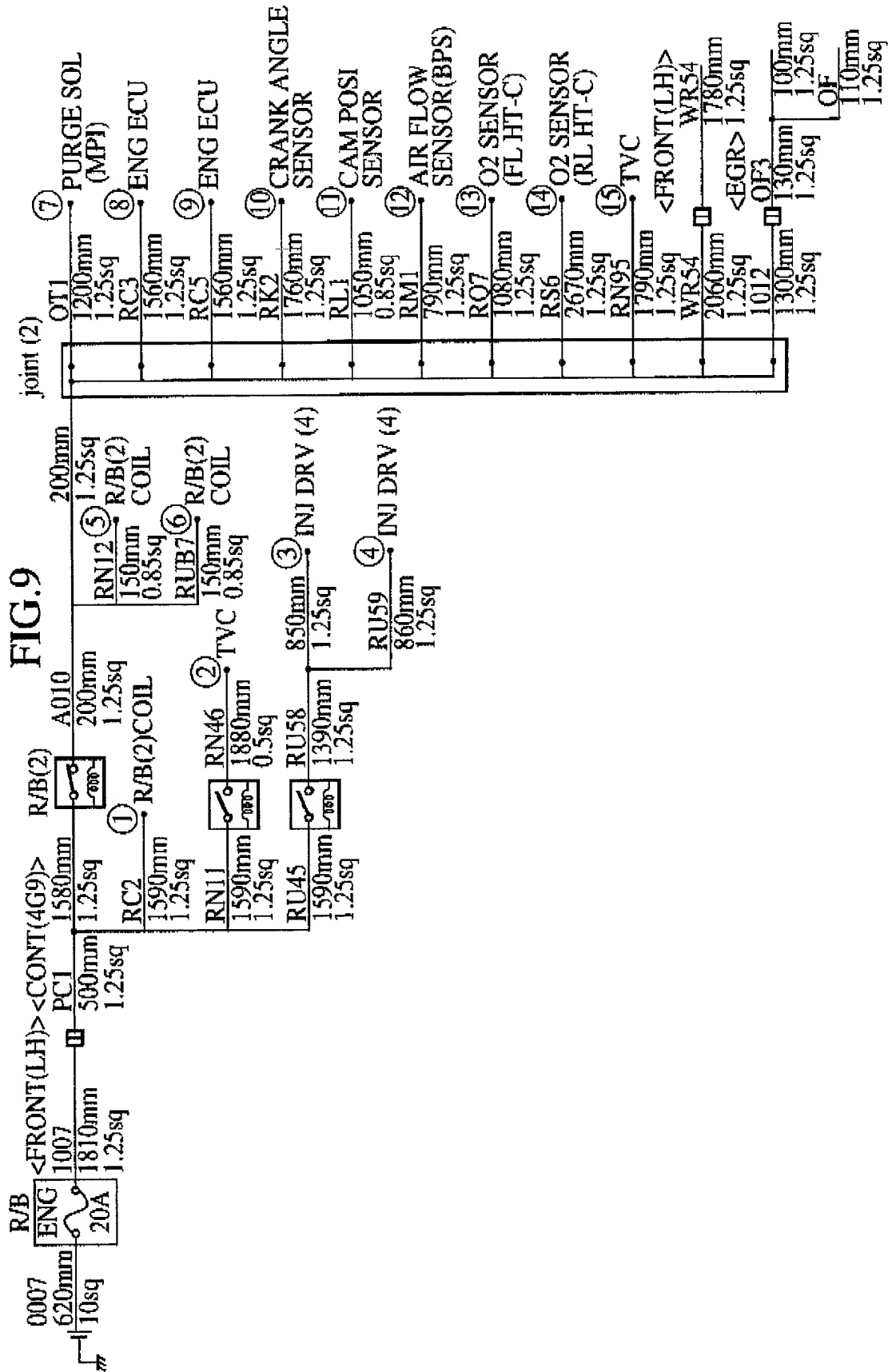
OK CANCEL

7/14

FIG.8



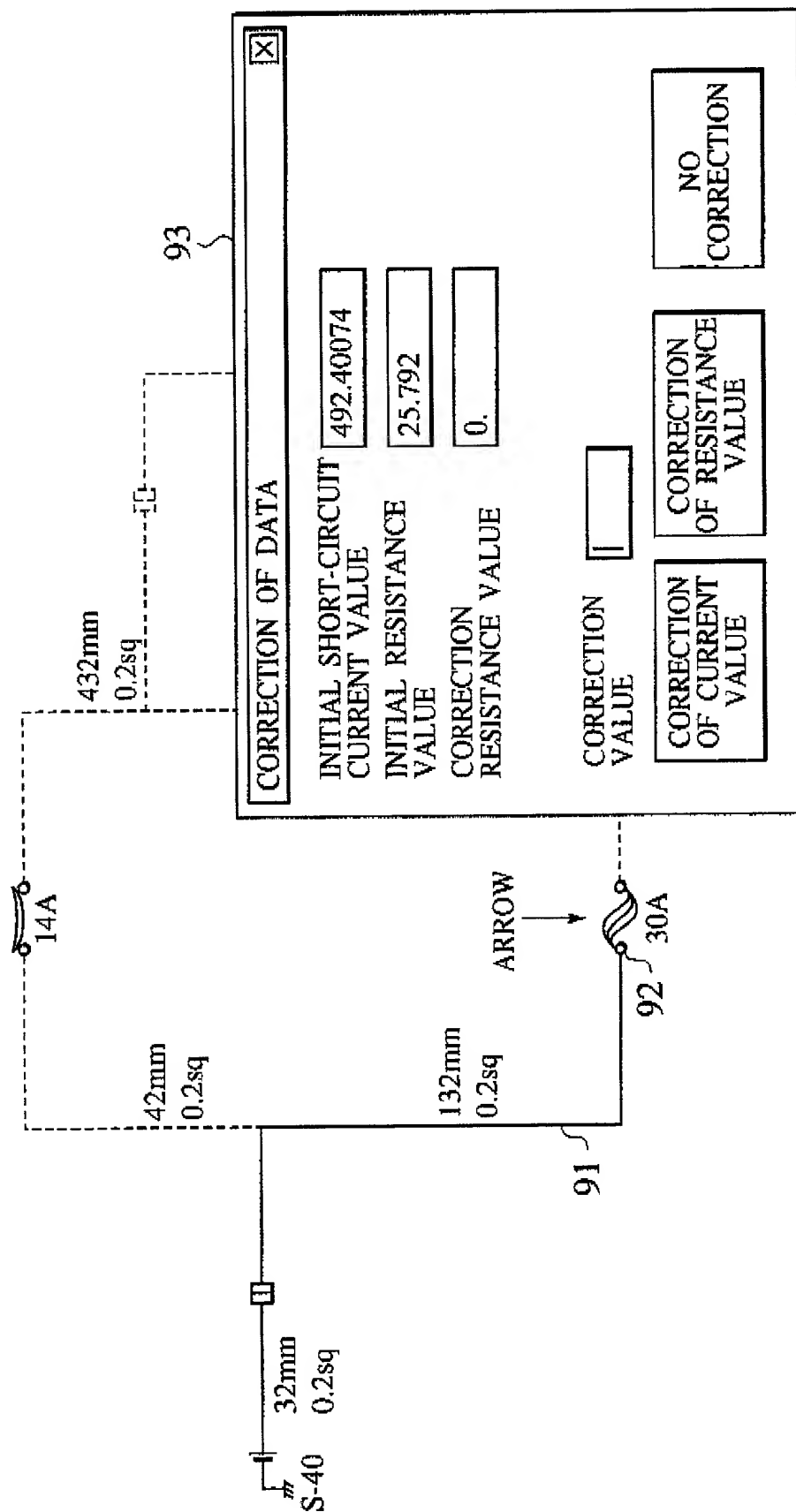
8/14





9/14

FIG.10

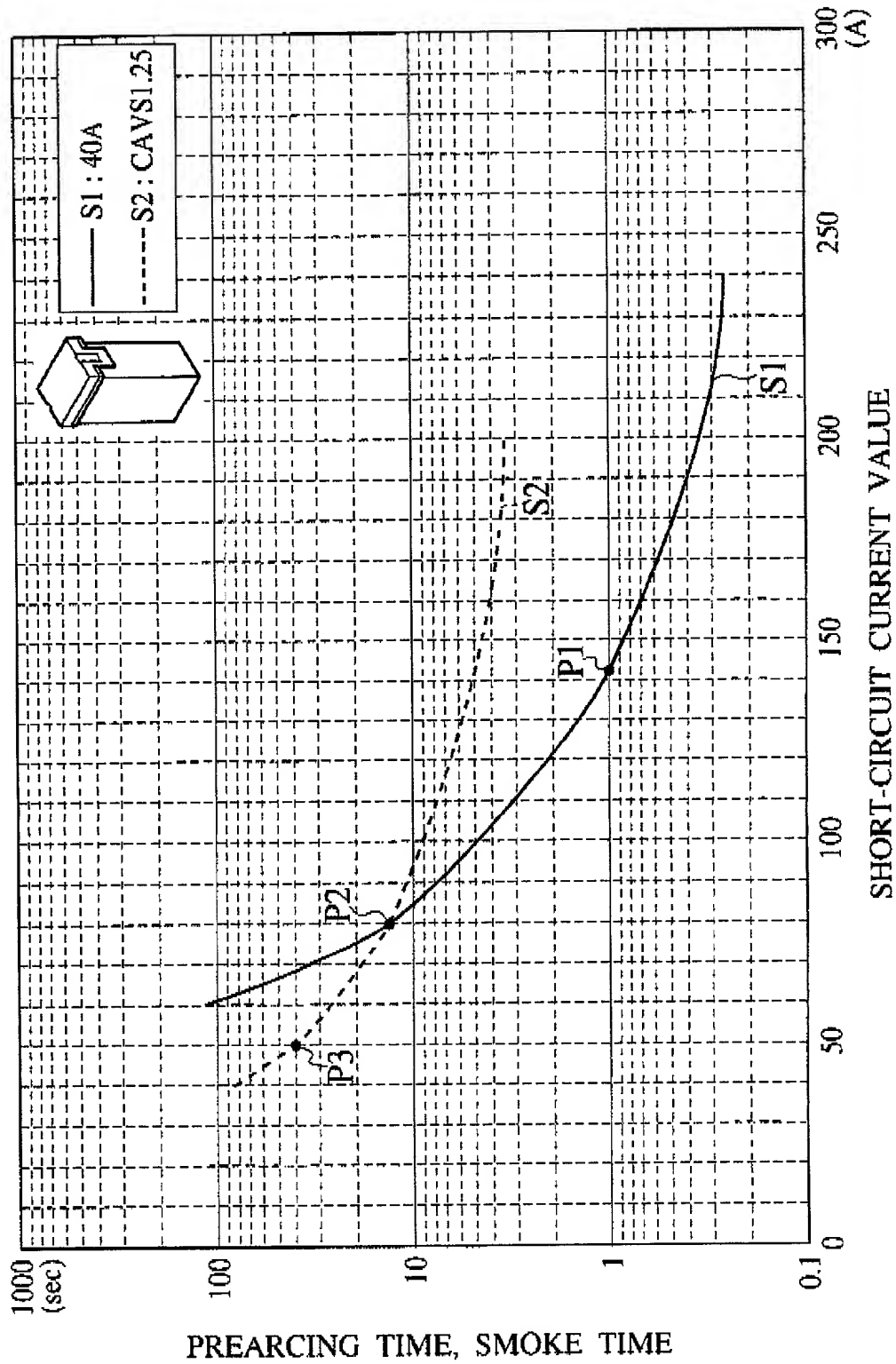


MAINTENANCE OF PARTS DATA							
FL							
ID	TYPE	NAME	DISPLAY	CURRENT CAPACITY	CODE	INITIAL RESISTANCE VALUE	A
1	30:A	F/L 30-A	30-A	30	A	0.0056	0.03
2	30:B	F/L 30-B	30-B	30	B	0.0052	0.03
3	40:A	F/L 40-A	40-A	40	A	0.0045	0.02
4	40:B	F/L 40-B	40-B	40	B	0.0042	0.02
5	50:A	F/L 50-A	50-A	50	A	0.003	0.01
6	50:B	F/L 50-B	50-B	50	B	0.00275	0.01
7	60:A	F/L 60-A	60-A	60	A	0.00275	0.01
8	60:B	F/L 60-B	60-B	60	B	0.00235	0.01
9	80:B	F/L 80-B	80-B	80	B	0.00213	0.00
10	100:B	F/L 100-B	100-B	100	B	0.0013	0.00
11	FLW 0.3SQ	FLW 0.3SQ	W 0.3	20	C	0.0054	0.01
12	FLWX 0.5SQ	FLWX 0.5SQ	WX 0.5	30	C	0.00301	0.01
13	FLWX 0.85SQ	FLWX 0.85SQ	WX 0.85	40	C	0.00191	0.00
14	FLWX 1.0SQ	FLWX 1.0SQ	WX 1.0	50	C	0.00162	0.00
15	FLWX 1.25SQ	FLWX 1.25SQ	WX 1.25	60	C	0.00132	0.00
							▷

END

11/14

FIG.12



12/14

FIG.13

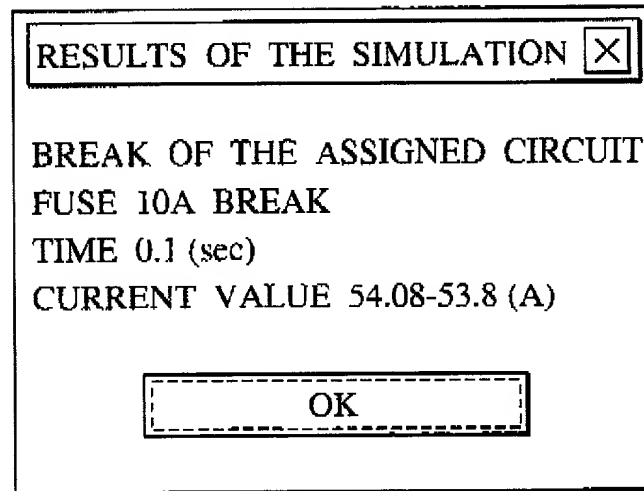


FIG.14

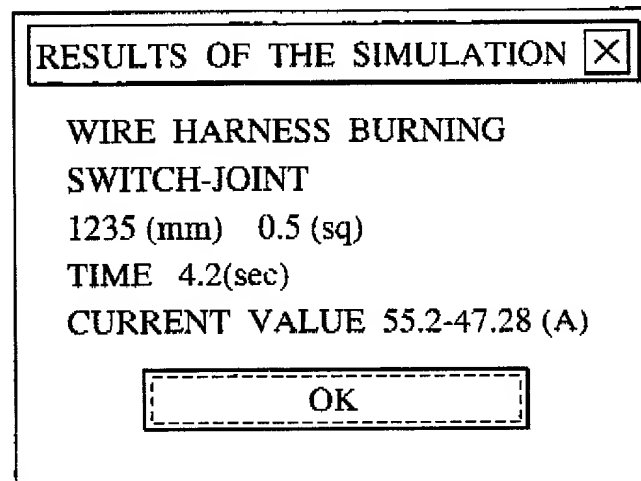
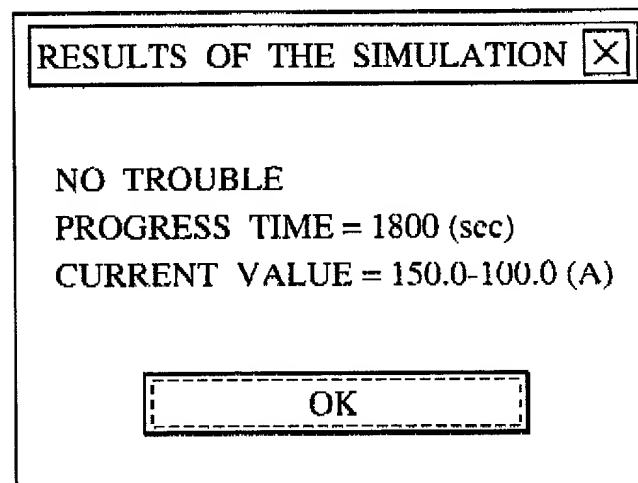


FIG.15



T02020"06425860

13/14

**FIG. 16A**

[illegible]

14/14

FIG.16B

Review of Wiring Protection Characteristics

Wiring Path, Size of a Wire (sq), Length of a Wire(mm)

